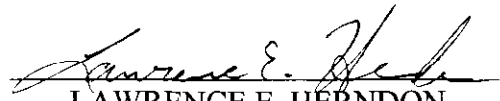


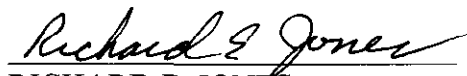
DATE: December 9, 1999

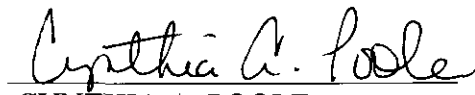
**STATEMENT OF WORK FOR THE
SCREENING/REPAIR
OF THE
STINGER GROUND SUPPORT EQUIPMENT (GSE)**

Control Number: SOW-00-844-2-00000S-3/2

1. This SOW identifies the work effort that shall be performed by the contractor to repair the Stinger Ground Support Equipment.
2. The attached manuscript has been reviewed and is concurred upon by the following signers:


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Radar Systems Section (Code 844-2)
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**STATEMENT OF WORK
(SOW)**

FOR THE

STINGER GROUND SUPPORT EQUIPMENT

SOW Control Number: SOW-00-844-2-00000S-3/2

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Appendixes

A	Report DA-2404
B	Standard Form 364
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D	Listing of Stinger Ground Support Equipment (GSE)

1.0 SCOPE: This Statement of Work (SOW) establishes, sets forth tasks and identifies the work effort that the Contractor will perform to screen and repair Stinger Ground Support Equipment (GSE). These documents contains requirements to restore the Stinger GSE to Condition Code "A". Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned material which is serviceable and issuable to all customers without limitation or restriction, including material with more than 6 months shelf-life remaining." Within this SOW, the term Line Replaceable Unit refers to the Stinger GSE listed in Appendix (D), which the Stinger Inventory Manager, at Marine Corps Logistics Bases (MCLB) Albany, Georgia, will periodically update. Screening or repairing of GSE not listed in Appendix (D), will only be performed when expressly authorized, in writing, by the Stinger Inventory Manager. When screened or repaired, the Contractor will assign the appropriate condition code to the GSE.

1.1 Background: Repair is defined as "That maintenance technique which determines the minimum repairs necessary to restore equipment, components, or assemblies to prescribed maintenance serviceability standards by utilizing all available diagnostic equipment and test procedures in order to minimize disassembly and parts replacement."

2.0 APPLICABLE DOCUMENTS: The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referred herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards

MIL-STD-2073-1C	DoD Standard Practice for Military Packaging
MIL-STD-129	DoD Standard Practice for Military Marking
MIL-STD-130	Identification Marking of U.S. Military Property

Military Standards (For Reference Only)

MIL-STD-973	Configuration Management
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2.2 Military Specifications

MIL-P-15024	Plates, Tags, Hose Assembly Identification
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2.3 Industry Standards

ANSI/EIA-625	Requirements for Handling-Electrostatic-Discharge-
ANSI/ISO/ASQC Q9003-1994	Quality Systems

2.4 Other Government Documents and Publications: The issue of those documents cited below shall be used.

SC-08522A	Stinger Weapon System Support Concept
SL-3-07918A	Recharging Unit Coolant, M80
SL-3-07919A	Trainer, Field Handling GM Launcher, M60
SL-3-07920A	Battery Charger, PP-7309/01
SL-3-07921A	Training Set, GM System, M-134 (Basic THT)

SL-3-07922A	IFF Interrogator Set, AN/PPX-3
SL-3-07923A	IFF Interrogator Set, Programmer, AN/GSX-1
TM 9-1425-429-12	Stinger Guided Missile System, Launcher M60, Interrogator Set AN/PPX-3, and Interrogator Set Programmer AN/GSX-1
TM 9-1425-429-24P	Stinger Guided Missile System Launcher M60, Battery Charger PP-7309/T, and Recharging Unit Coolant M80
TM 9-6920-429-12	Training Set, GM System, M-134, (Basic THT)
TM 9-6920-430-14	Stinger Guided Missile System Battery Charger PP-7309/T and Recharging Unit Coolant M80
TM 11-5895-1194-24	Interrogator Set, AN/PPX-3 and Interrogator Set Programmer, AN/GSX-1
TM 11-5895-1194-24P-1	Interrogator Set, AN/PPX-3
TM 11-5895-1194-24P-2	Interrogator Set Programmer, AN/GSX-1
DOD 4000.25-1-M	MILSTRIP Manual
NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Materiel From the Federal Supply System

Copies of military specifications and standards are available from the Naval Publications and Forms center, (ATTN: NPODS), 5801 Tabor Avenue, Philadelphia, PA 19120-5099. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the Weapons System Manager (WSM): Commander, Marine Corps Logistics Bases, (Code 844-2) Attn: Contracting Officer, 814 Radford Blvd., Albany, Georgia 31704-1128, commercial telephone number (912) 439-5432 or DSN 567-5432. Copies of engineering drawings, if applicable, shall be obtained from Life Cycle Management Center, Attn: Code 825-3, 814 Radford Blvd. STE 20320, Albany, Georgia 31704-0320, commercial telephone number (912) 439-6410 or DSN 567-6410.

3.0 REQUIREMENTS

3.1 General Tasks: In fulfilling the specified requirements, the Contractor shall:

- a. Provide materials, labor, equipment, facilities and missing/repair parts necessary to inspect, diagnose, restore, test, and calibrate the Stinger GSE. Upon completion of screening, the subject GSE shall be Condition Code "A".
- b. Requisition replacement parts from the applicable source of supply.
- d. Ensure the GSE are modified to current configuration. If a modification has not been applied, indicate on the Limited Technical Inspection at time of induction, as prescribed in paragraph 3.2.1.

3.2 Detail Tasks. The following tasks describe the different phases for screening/repair of the Stinger GSE.

Phase I	Pre-Induction
Phase II	Repair
Phase III	Inspection, Testing and Acceptance
Phase IV	Packaging, Handling Storage and Transportation (PHS&T)

3.2.1 Phase I - Pre-Induction. A pre-induction inspection analysis shall be performed for each GSE within 5 working days of induction into the Contractor's facility for evaluation of repair capability. If repair is not feasible, assign CC "F", otherwise assign CC "M" and induct into repair cycle. Standard Form 364 (Appendix B) and Report DA-2404 (Appendix A) shall be used to report all anomalies and shall be provided to the government in accordance with section 4.0 of this SOW.

3.2.2 Phase II – Repair: After pre-induction tests and inspections have been completed, repair of the GSE shall be accomplished in accordance with this SOW. Deficiencies noted on Appendix A and Appendix B during Phase I shall be repaired/replaced. Components or assemblies shall not be disassembled for replacement of parts unless that part has failed, or the component assembly wherein the part is located is disassembled for repair.

a. **Hardware**

- (1) Replace broken, unserviceable and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, mandatory replacement items, safety, and one-time use items.
- (2) Ensure proper hardware locking devices are present on all moving mechanical assemblies.
- (3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

b. **Publications and Documentation:** The Contractor shall use appropriate technical documentation, i.e., TMs, MIs, etc., to restore the GSE to Condition Code "A".

c. The following Standards and SL-3 shall be used to assist the Contractor:

MIL-P-15024	Plates, Tags, Hose Assembly Identification
MIL-STD-130	Identification Marking of U.S. Military Property
MIL-P-15024	Plates, Tags, Hose Assembly Identification
TM 9-1425-429-12	Stinger Guided Missile System, Launcher
TM 9-1425-429-24P	Stinger Guided Missile System Launcher M60, Battery Charger PP-7309/T, and Recharging Unit Coolant M80
TM 9-6920-429-12	Training Set, GM System, M-134, (Basic THT)
TM 9-6920-430-14	Stinger Guided Missile System Battery
TM 11-5895-1194-24	Interrogator Set, AN/PPX-3 and Interrogator Set Programmer, AN/GSX-1
TM 11-5895-1194-24P-1	Interrogator Set, AN/PPX-3
TM 11-5895-1194-24P-2	Interrogator Set Programmer, AN/GSX-1
SC-08522A	Stinger Weapon System Support Concept
SL-3-07918A	Recharging Unit Coolant, M80

SL-3-07919A	Trainer, Field Handling GM Launcher, M60
SL-3-07920A	Battery Charger, PP-7309/01
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SL-3-07922A	IFF Interrogator Set, AN/PPX-3
SL-3-07923A	IFF Interrogator Set, Programmer, AN/GSX-1

d. Repair time shall not exceed ninety days as a norm. The Stinger Inventory Managers shall monitor and direct retention or return to stock if it is anticipated that the repair time will exceed ninety days.

3.2.3 Phase III - Inspection, Testing and Acceptance

- a. Inspection, Testing, and Acceptance of each Stinger GSE shall be conducted in accordance with the applicable Technical Manuals listed in section 3.2.2c.
- b. The Contractor shall be responsible for conducting all required tests on the GSE.
- c. The Contractor shall be responsible for correcting deficiencies identified during inspection/ testing. MCLB (Code 844-2), Albany, Georgia, representatives may require the Contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

3.2.4 Phase IV - Packaging, Handling, Storage, and Transportation (PHS&T)

a. The Contractor shall be responsible for preservation and packaging of items being repaired under the terms of this statement of work in accordance with MIL-STD-2073-1C. Specific packaging requirements relevant to each NSN covered by this statement of work may be found by interrogating Defense Logistics Support Command's LOGRUN data base by NIIN. For items which are not loaded in LOGRUN, contact Marine Corps Logistics Bases (G330) as DSN 567-6856 or commercial (912) 439-6856. Items being prepared for long term storage and/or shipment to overseas destinations shall be provided Level "A" protection. Items being prepared for domestic shipment and immediate use shall be provided Level "B" protection. Items which are electrostatic discharge sensitive shall be packed into a reusable fast pack container in addition to the specific requirements delineated in MIL-STD-2073-1C, Specialized Preservation Code GX."

b. Marking for all items shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the Contractor with the shipping address(es) for delivery of the repaired equipment. The Contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the Contractor.

3.3 Configuration Control: The contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without receiving prior written authorization. If it is necessary to depart from the authorized configuration baseline, the contractor shall submit a Request for Deviation or Request for Waiver using MIL-STD-973 (paragraph 5.4.3 or 5.4.4 and Appendix E) as a guide.

3.4 Government Furnished Equipment (GFE)/Government Furnished Material (GFM):

GFE is government owned equipment authorized by contract for use by a Commercial/ Government contractor. It is neither consumed during production nor incorporated into any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into the product being manufactured/remanufactured under a contract/statement of work. In the event the Marine Corps does have GFE/GFM requirements the Management Control Activity (MCA/G316-2), Marine Corps Logistics Bases, Albany, Georgia, will coordinate required GFE and will maintain a central control on Marine Corps assets in the Contractor's possession. The MCA will forward a GFE Accountability agreement to the Contractor Facility for signature to establish a chain of custody and property responsibilities for Marine Corps assets.

3.5 Contractor Furnished Materiel (CFM): The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Materiel (NAVICPINST 4491.21A). In the event that Contractor Furnished Materiel (CFM) is required for repair parts, the contractor shall requisition repair parts through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP), Chapter 11 authorizes contractors to requisition through the DoD Supply System.

3.6 Electrostatic Discharge (ESD) Control Program: The Contractor shall establish, implement and document an ESD control program following the guidelines provided in ANSI/EIA-625. ESD protective measures shall be used during manufacturing, handling, inspection, test, marking, packaging, storing and transporting ESD sensitive components.

3.7 Quality Assurance Provisions: The Contractor shall provide and maintain a Quality System that has a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9003-1994, Quality System Model for Quality Assurance in Final Inspection and Test. The program shall ensure quality throughout all areas to include design, fabrication, processing, assembly, inspection, test, maintenance, and preparation for delivery and shipping. Unless otherwise specified in the contract, the Contractor shall be responsible for performance of all inspection requirements. The Government reserves the right to perform any of the inspections set forth in the contract where such inspections are deemed necessary to assure products and services conform to the prescribed requirements.

3.8 Acceptance: The performance of the Contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled, shall be subject to in-process review and inspection during performance. Inspection may be accomplished in-plant or at any work site or location, and QA representatives shall be permitted to observe the work or to conduct inspections at all reasonable hours. Final inspection and acceptance testing shall be conducted at the Contractor's facility. Final acceptance shall be conducted on 100% of items to verify that the units meet all requirements.

3.9 Rejection: Failure to comply with any of the specified requirements listed herein shall be reason for rejection by the QA representative. The Contractor shall, at no additional cost provide the following:

- a. Develop a corrective action plan to correct deficiencies.
- b. Upon approval of a corrective action plan, the Contractor shall correct the deficiencies and repeat the verification until all requirements are met.

4.0 REPORTS

4.1 In fulfilling the specified requirements, the Contractor is required to submit:

a. A Monthly Status Report, similar to those previously submitted by CRANE. The report should include reviewed ECPs, significant events, site visit maintenance actions, funding data, and point of contact information for Stinger GSE.

b. A Monthly Stinger Screening Program Report, Appendix (C), which shall include all data from the previous months for the current fiscal year. The report should include all completed and In-process items in NSN sequence. This report will be submitted no later than the tenth of the following month.

c. The reports will be submitted via E-Mail to the Stinger Inventory Manager (IM), with courtesy copies to the Weapon System Manager (WSM) and Equipment Specialist (ES).
E-mail addresses:

pooleca@matcom.usmc.mil	Cindy Poole - Item manager
herndonle@matcom.usmc.mil	Lawrence Herndon - Weapons System Manager
walkerc@matcom.usmc.mil	Charles Walker – Equipment specialist

d. Prior to the submission of the final report (15 October), the Contractor shall close out the GSE Master Work Schedule Line item number that provides program funding. Non-closure shall not be cause for delay of the final report.

e. Provide a five year estimate of the funding required to support the repair of Stinger GSE. The report will be due to the Inventory Manager by 31 March of each year for funding planning purposes for the coming fiscal year.

5.0 COST AND FINANCIAL ADMINISTRATION

a. Upon completion of negotiations, the agreed upon price will remain fixed for the duration of the repair effort, or through the end of the fiscal year, whichever comes first. The price for any work to be performed for the next fiscal year will be developed by the repair facility, and will be submitted to MCLB Albany, in sufficient time to allow for processing of agreed upon documentation, prior to the beginning of the fiscal year.

b. The specific procedures, which shall be used to transfer funds under this SOW, shall be determined by financial management representatives of the two activities. On a quarterly basis, the Military Interdepartmental Purchase Request (MIPR) shall be used for transfer of funds between the parties to this SOW. The Contractor will submit final obligation by one (1) week prior to the end of the fiscal year. This agreement shall go into effect when funds are transferred to the Contractor.

c. The Program Pricing Policy for repair costs will be determined as follows:

1. Labor cost will be calculated and recorded against each item processed based on agreed labor hour rates.

2. Parts costs will be stratified over the dollar value (Standard Unit Price) of each item processed to include “lot-quantity” materials.

3. The pricing policy will allow for determination of fund balances based on Monthly Stinger Screening Program Reports and must equal the total funded for a fiscal year upon completion of the last in process items for that fiscal year.

4. MCLB Albany will annually review and establish general program pricing policy as necessary.

d. The Contractor shall maintain complete fund accounting, according to current regulations and the procedures identified in this SOW.

e. The Contractor and MCLB Albany will conduct a financial review no later than 1 July to determine the funding required for the remainder of the fiscal year. MCLB Albany will take the lead in scheduling the date and time for the financial review.

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved

OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TOP _____ TM _____ OTHER <input checked="" type="checkbox"/>
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D. SYSTEM/ITEM Stinger Ground Support Equipment	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM Request For Deviation	3. SUBTITLE Configuration Management
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4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80640B	5. CONTRACT REFERENCE SOW 3.3	6. REQUIRING OFFICE MCLBA (825)
--	----------------------------------	------------------------------------

7. DD 250 REQ LT	8. DIST STATEMENT REQUIRED A	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION a. ADDRESSEE MCLBA (825-2)	b. COPIES Draft Final Reg Repro
9. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION			

<p>16. REMARKS</p> <p>Blk 4 - Contractor format is authorized.</p> <p>Blks 10 & 12 - RFDs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation.</p> <p>RFDs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government.</p> <p>RFDs shall be transmitted via E-Mail to the following address: crawfordbj@matcom.usmc.mil</p> <p>Distribution Statement A: Approved for public release, distribution is unlimited</p>	15. TOTAL	0	1	0

G. PREPARED BY <i>Betty Jean Crawford</i>	H. DATE <i>30 Sept 99</i>	I. APPROVED BY <i>R. F. Jones for Larry Newlon</i>	J. DATE <i>9/14/99</i>
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved

OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER <u>X</u>
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D. SYSTEM/ITEM Stinger Ground Support Equipment	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO. A002	2. TITLE OF DATA ITEM Request For Waiver	3. SUBTITLE Configuration Management
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4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80641B	5. CONTRACT REFERENCE SOW 3.3	8. REQUIRING OFFICE MCLBA (825)
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7. DD 280 REQ LT	9. DIST STATEMENT REQUIRED A	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION a. ADDRESSEE MCLBA (825-2)	b. COPIES Draft Final Reg Repro
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY Betty Jean Crawford	H. DATE 20 Sep 99	I. APPROVED BY Lawrence E. Hill	J. DATE 20 Sep 99
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